AMENDMENTS TO THE ABSTRACT

Please replace the previous abstract with the following abstract. A clean-copy of the amended abstract is attached.

A frequency dividing section [[22]] is made up of a frequency divider [[19]] for dividing output of a local oscillator, a frequency divider [[20]] for dividing output of an in-phase local oscillation signal of the frequency divider [[19]], and a dummy circuit [[21]] connected to the output terminal of a quadrature local oscillation signal of the frequency divider [[19]]. At the first frequency band operation time, output of the frequency divider [[19]] is used for modulation and demodulation and at the second frequency band operation time, output of the frequency divider [[20]] is used for modulation and demodulation. Although the frequency divider [[19]] is shared between the first and second frequency bands, the dummy circuit is made the same circuit as an input amplifier of the frequency divider [[20]] at the first frequency band operation time, so that the phase difference between the in-phase local oscillation signal and the quadrature local oscillation signal output by the frequency divider [[19]] can be kept. Accordingly, the frequency dividers are shared and combined for lessening the circuit scale.

Attachment: Replacement sheet